

PATENT ABSTRACTS OF JAPAN

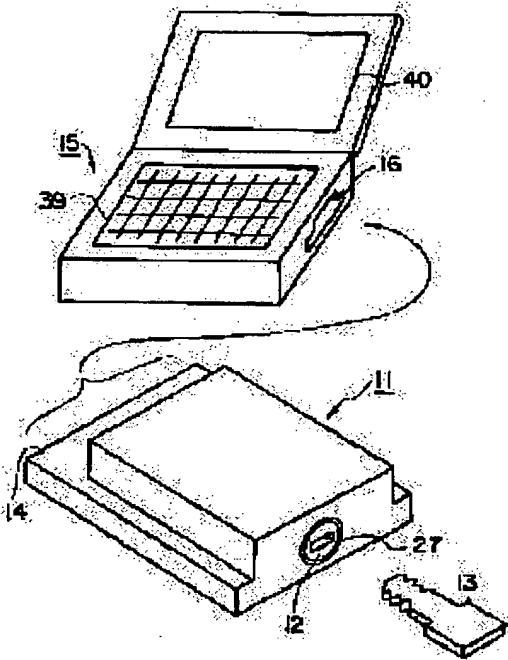
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(54) CARD-TYPE HARD DISK APPARATUS AND DATA-PROCESSING APPARATUS USING THE APPARATUS

(57)Abstract:  
**PURPOSE:** To ensure an advanced security for data in a card-type hard disk device.  
**CONSTITUTION:** A card-type HDD 11 loaded detachably in a personal computer 15 is provided with an insertion-type key mechanism 27 having a key hole 12 at a rear part thereof. When the card-type HDD 11 is inserted in a slot 16 of the personal computer 15, an actuator for driving a magnetic head which is set inside the card-type HDD 11 is locked mechanically by a lock mechanism. At this time, if a specific key 13 is inserted and rotated in the key hole 12 of the insertion-type key mechanism 27, the lock mechanism is driven, so that the actuator is released from the locking. The personal computer 15 can consequently make access to data in the card-type HDD 11.



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